

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG122320\
 Data File : BG047806.D
 Acq On : 23 Dec 2020 19:55
 Operator : CG/JU
 Sample : L5112-03
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 A54N4

Manual Integrations
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mohammad
 12/24/2020 10:44:19 AM

Quant Time: Dec 24 06:51:35 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG120720MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Dec 23 23:29:49 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.20	152	27070	20.00	ng/ul	0.00
18) Naphthalene-d8	11.02	136	103145	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.82	164	79738	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.55	188	194200	20.00	ng/ul	0.00
78) Chrysene-d12	21.83	240	186324	20.00	ng/ul	0.00
86) Perylene-d12	25.17	264	188541	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.52	96	2531	4.98	ng/uL	0.00
5) Phenol-d5	7.33	99	52419	22.63	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.51	67	28828	24.20	ng/ul	0.00
9) 2-Chlorophenol-d4	7.72	132	38501	21.91	ng/ul	0.00
13) 4-Methylphenol-d8	8.89	113	41441	22.54	ng/ul	0.00
19) Nitrobenzene-d5	9.36	128	19291	22.94	ng/ul	0.00
22) 2-Nitrophenol-d4	10.09	143	25805	25.46	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.63	165	46897	21.31	ng/ul	0.00
29) 4-Chloroaniline-d4	11.14	131	48668	24.08	ng/ul	0.00
44) Dimethylphthalate-d6	14.21	166	158964	22.95	ng/ul	0.00
47) Acenaphthylene-d8	14.51	160	188434	23.82	ng/ul	0.00
52) 4-Nitrophenol-d4	14.99	143	18409m	17.92	ng/ul	0.00
58) Fluorene-d10	15.80	176	143878	22.57	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.91	200	27397	20.84	ng/ul	0.00
71) Anthracene-d10	17.65	188	233856	24.14	ng/ul	0.00
79) Pyrene-d10	19.92	212	271626	24.66	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.94	264	274296	24.91	ng/ul	0.00

Target Compounds

				Ovalue	
6) Phenol	7.37	94	5388m	2.462	ng/ul
45) Dimethylphthalate	14.26	163	12393	1.766	ng/ul# 99
70) Phenanthrene	17.60	178	17762m	1.688	ng/ul
77) Fluoranthene	19.59	202	297451	22.210	ng/ul 99
80) Pyrene	19.95	202	303422	22.391	ng/ul# 98
83) Benzo(a)anthracene	21.81	228	211411	15.882	ng/ul 96
85) Chrysene	21.87	228	164491	13.093	ng/ul 93
88) Benzo(b)fluoranthene	24.11	252	265632	20.183	ng/ul# 96
89) Benzo(k)fluoranthene	24.17	252	105590m	8.095	ng/ul
91) Benzo(a)pyrene	25.01	252	192581	16.226	ng/ul 99
92) Indeno(1,2,3-cd)pyrene	28.99	276	123340	8.522	ng/ul# 97
93) Dibenzo(a,h)anthracene	29.04	278	36533m	3.011	ng/ul
94) Benzo(g,h,i)perylene	30.20	276	90420m	7.609	ng/ul

(#) = qualifier out of range (m) = manual integration (+) = signals summed

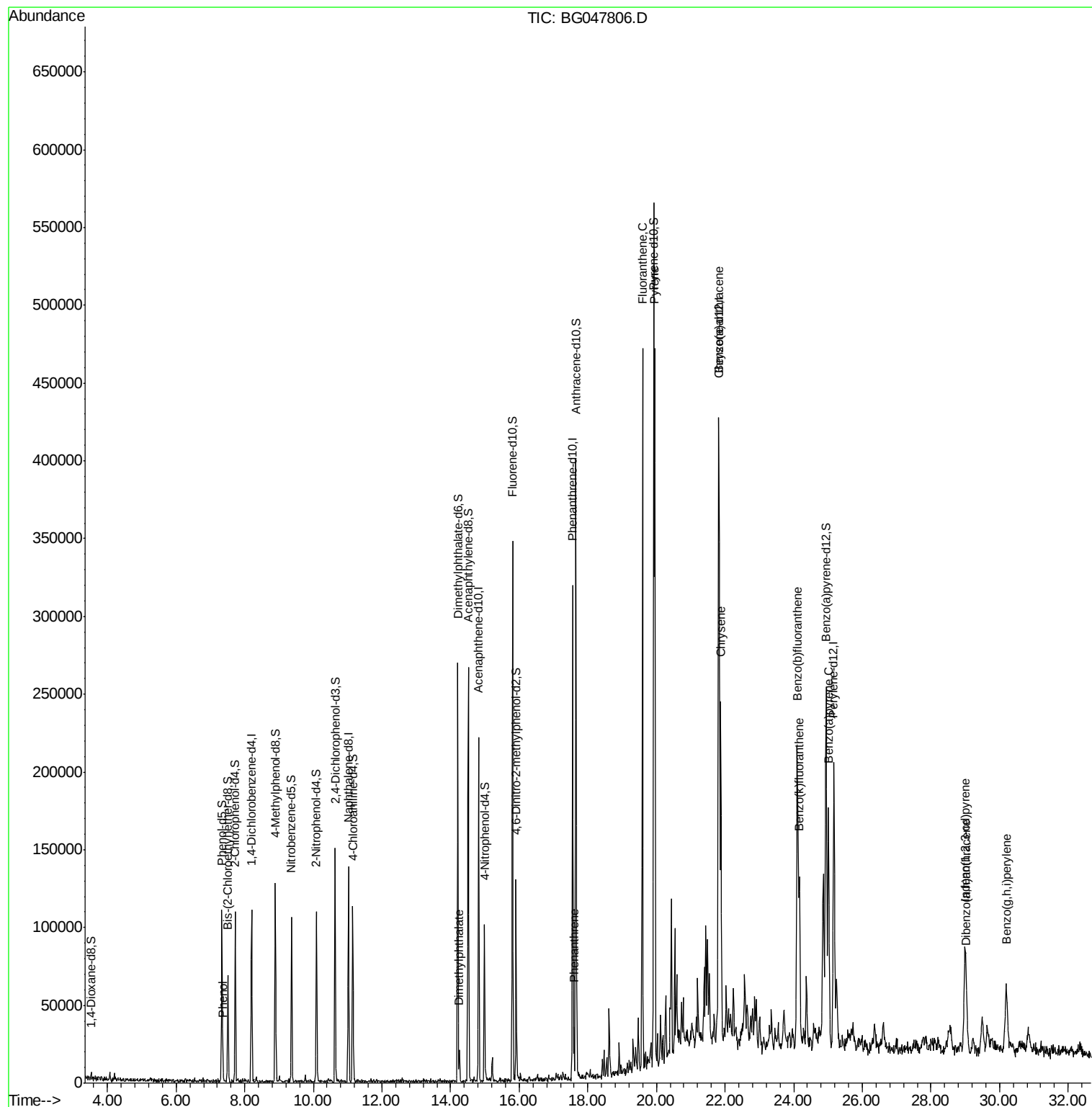
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG122320\
Data File : BG047806.D
Acq On : 23 Dec 2020 19:55
Operator : CG/JU
Sample : L5112-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

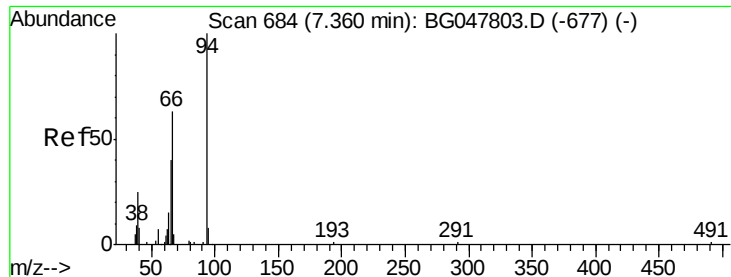
Instrument :
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Quant Title : SVOA CALIBRATION
QLast Update : Wed Dec 23 23:29:49 2020
Response via : Initial Calibration





#6

Phenol

Concen: 2.462 ng/ul m

RT: 7.37 min Scan# 686

Delta R.T. 0.02 min

Lab File: BG047806.D

Acq: 23 Dec 2020 19:55

Instrument :

BNA_G

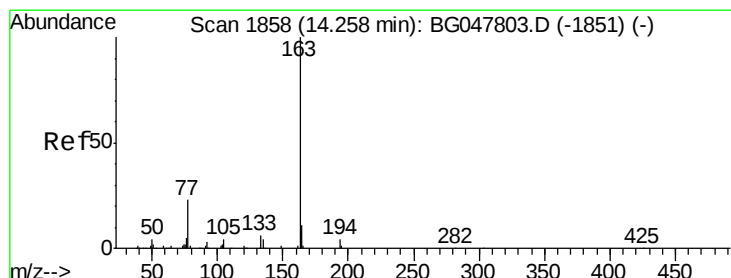
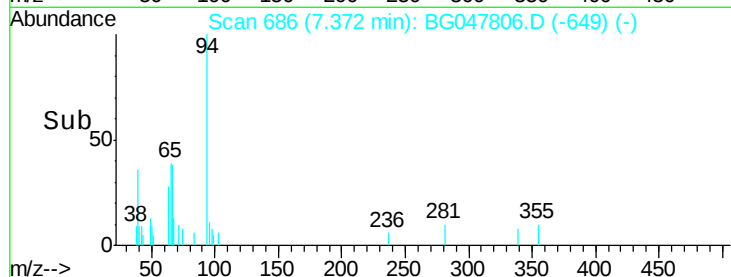
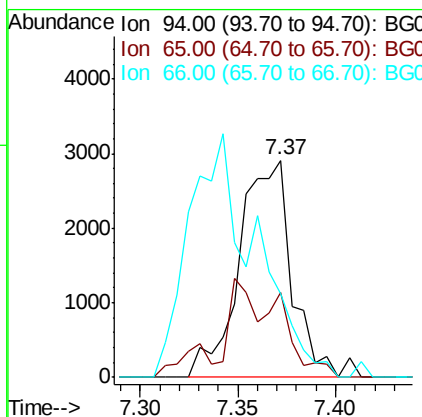
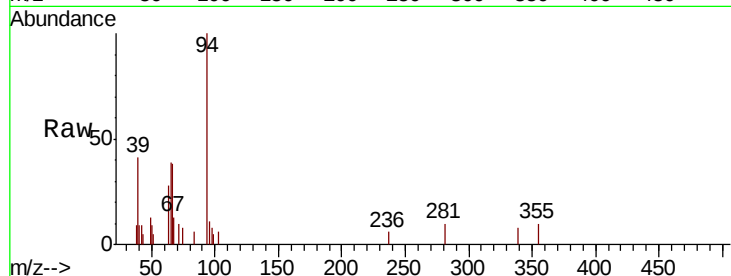
ClientSampleId :

A54N4

Tot Ion:	94	Resp:	5388
Ion	Ratio	Lower	Upper
94	100		
65	39.1	35.4	53.0
66	38.3	58.3	87.5#

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#45

Dimethylphthalate

Concen: 1.766 ng/ul

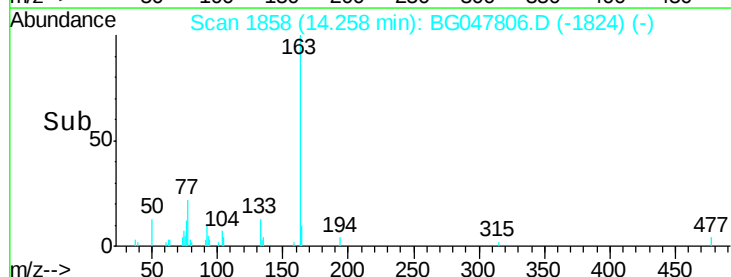
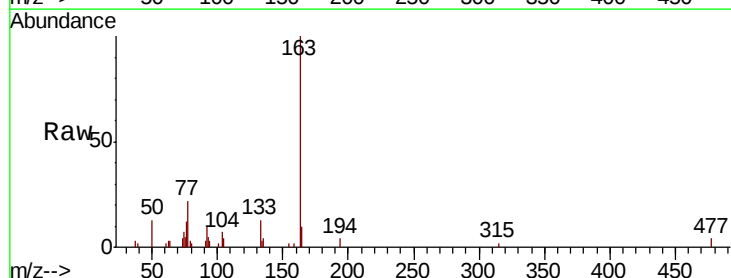
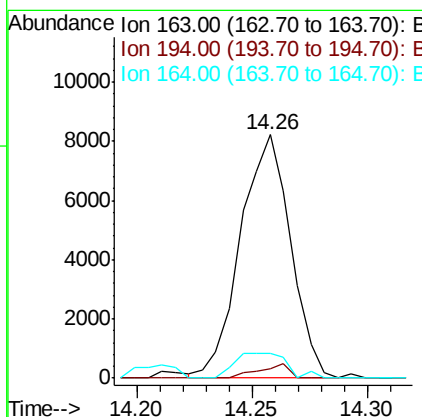
RT: 14.26 min Scan# 1858

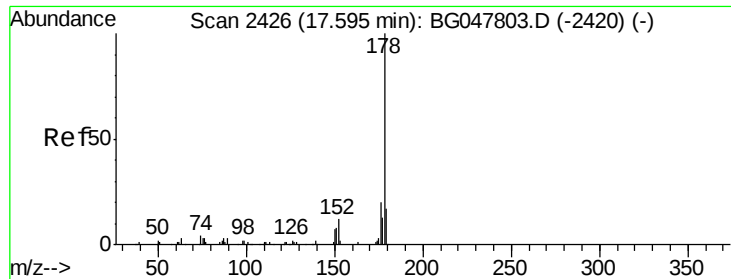
Delta R.T. -0.00 min

Lab File: BG047806.D

Acq: 23 Dec 2020 19:55

Tgt Ion:	163	Resp:	12393
Ion	Ratio	Lower	Upper
163	100		
194	3.7	3.8	5.6#
164	10.3	8.1	12.1





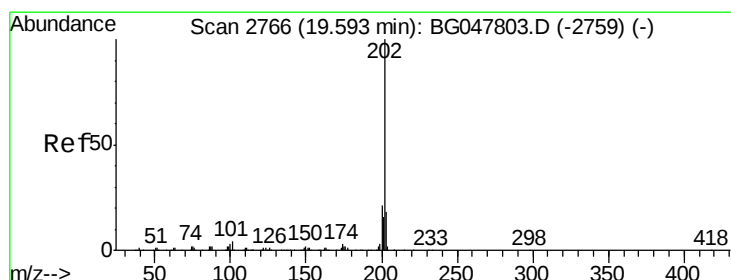
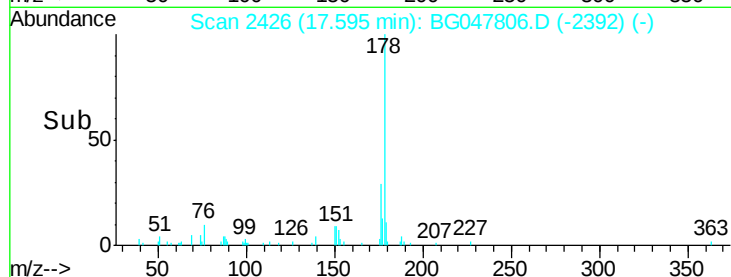
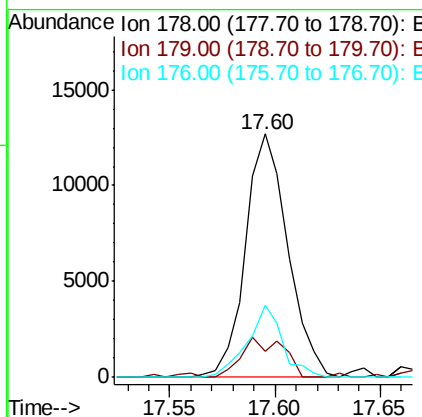
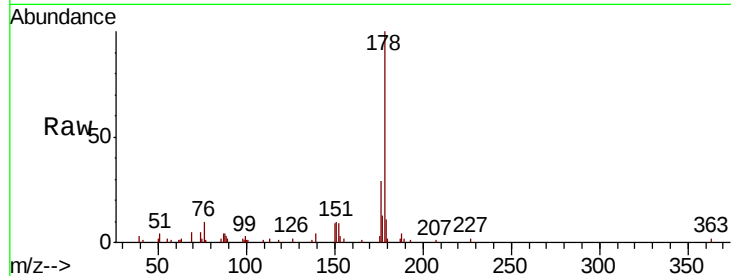
#70
Phenanthrene
Concen: 1.688 ng/ul m
RT: 17.60 min Scan# 2426
Delta R.T. -0.00 min
Lab File: BG047806.D
Acq: 23 Dec 2020 19:55

Instrument :
BNA_G
ClientSampleId :
A54N4

Tot Ion	Ratio	Lower	Upper
178	100		
179	10.7	13.1	19.7#
176	29.4	15.2	22.8#

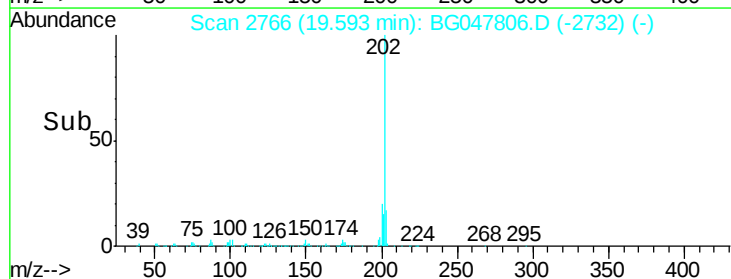
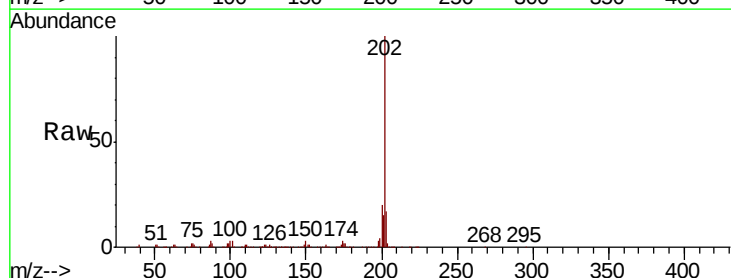
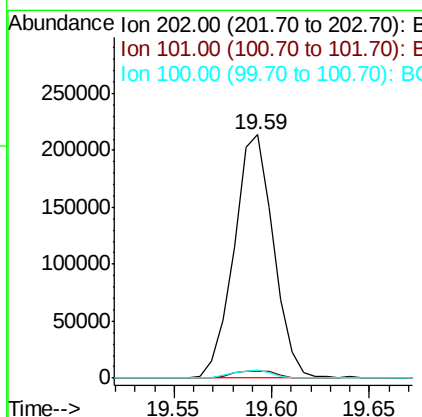
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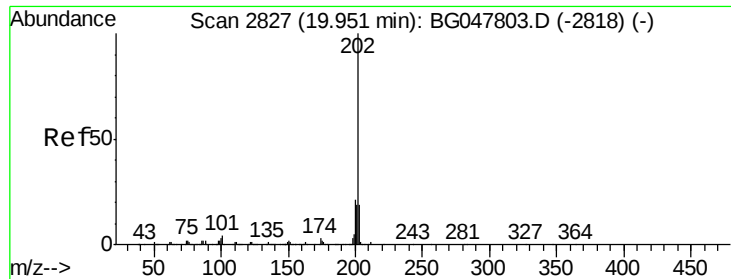
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#77
Fluoranthene
Concen: 22.210 ng/ul
RT: 19.59 min Scan# 2766
Delta R.T. -0.00 min
Lab File: BG047806.D
Acq: 23 Dec 2020 19:55

Tgt Ion	Ratio	Lower	Upper
202	100		
101	2.8	2.8	4.2
100	3.3	2.5	3.7





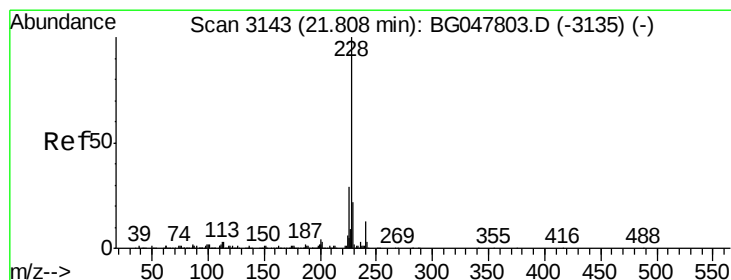
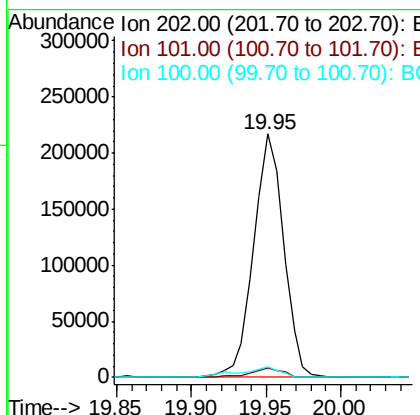
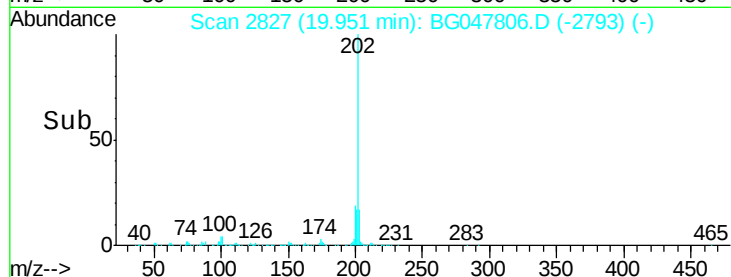
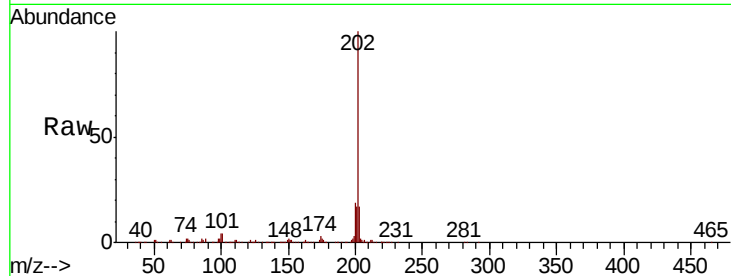
#80
 Pvrene
 Concen: 22.391 ng/ul
 RT: 19.95 min Scan# 2827
 Delta R.T. -0.00 min
 Lab File: BG047806.D
 Acq: 23 Dec 2020 19:55

Instrument :
 BNA_G
 ClientSampleId :
 A54N4

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	3.9	3.7	5.5
100	4.2	2.7	4.1#

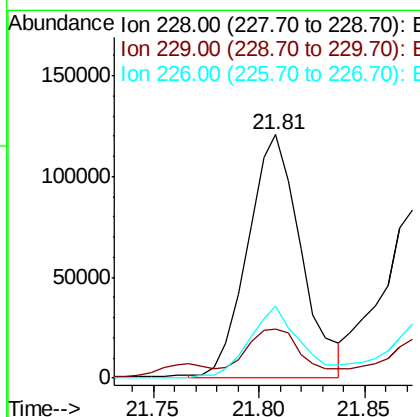
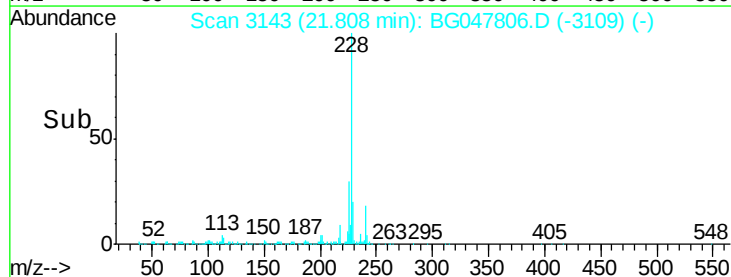
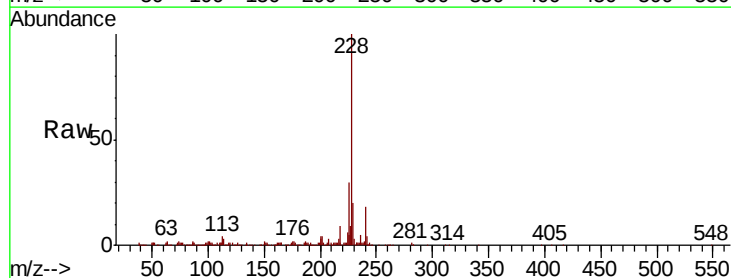
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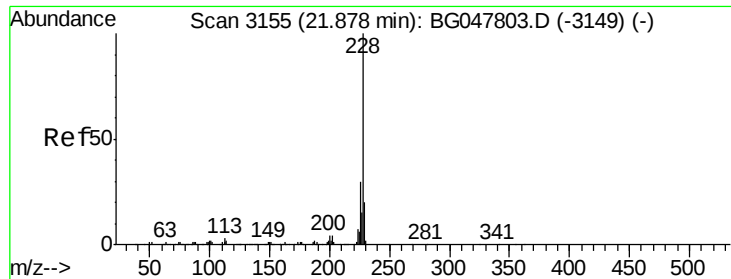
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#83
 Benzo(a)anthracene
 Concen: 15.882 ng/ul
 RT: 21.81 min Scan# 3143
 Delta R.T. -0.00 min
 Lab File: BG047806.D
 Acq: 23 Dec 2020 19:55

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
229	20.0	17.0	25.4
226	29.7	21.3	31.9





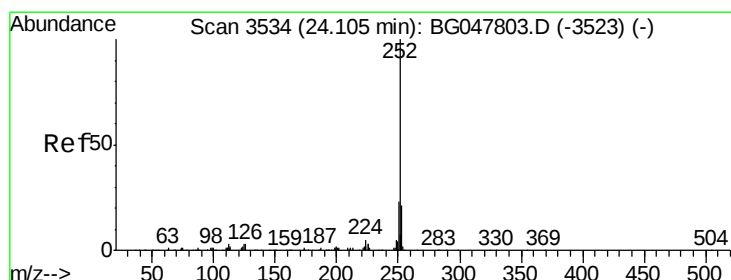
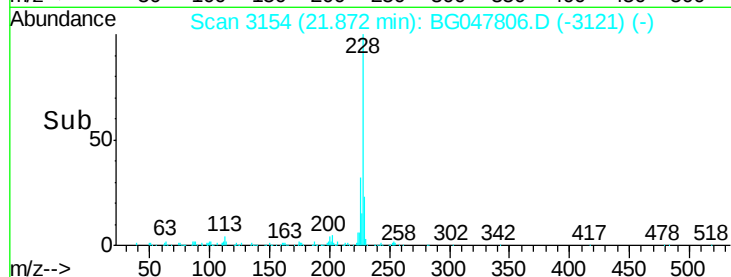
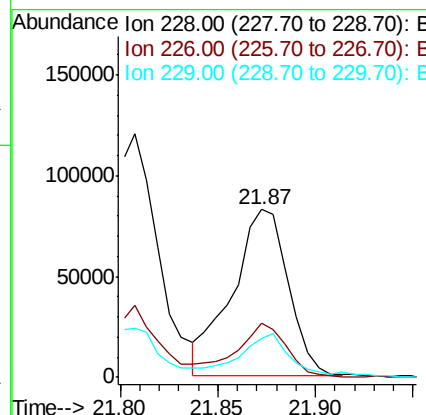
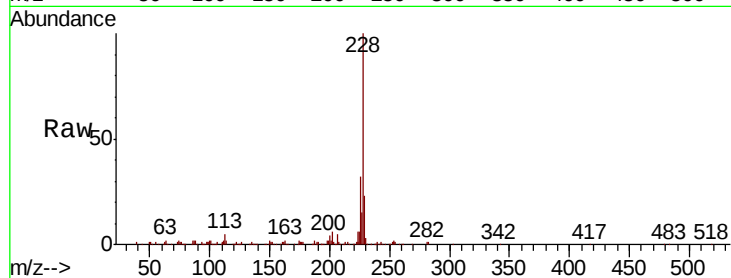
#85
 Chrysene
 Concen: 13.093 ng/ul
 RT: 21.87 min Scan# 3154
 Delta R.T. -0.01 min
 Lab File: BG047806.D
 Acq: 23 Dec 2020 19:55

Instrument :
 BNA_G
 ClientSampleId :
 A54N4

Tot Ion:	228	Resp:	164491
Ion Ratio	Lower	Upper	
228	100		
226	32.1	23.0	34.4
229	23.2	16.0	24.0

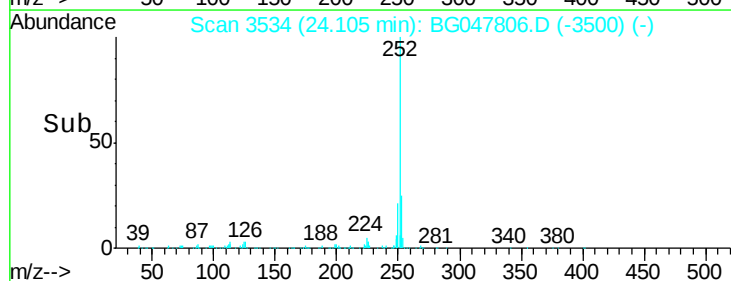
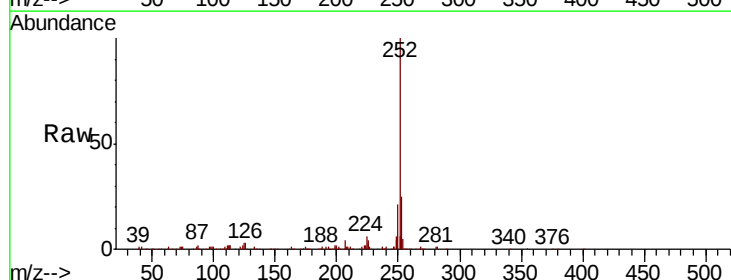
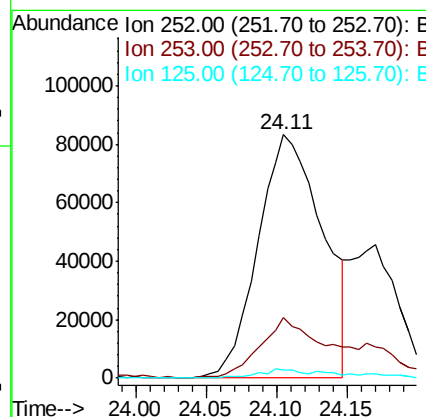
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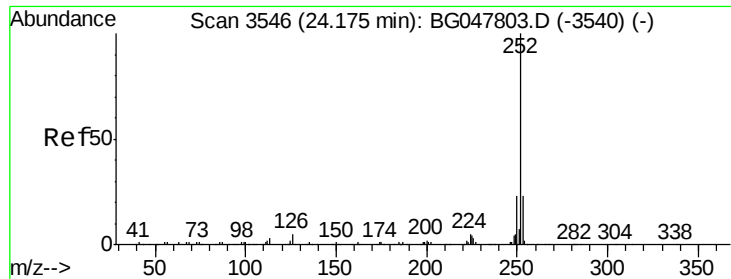
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#88
 Benzo(b)fluoranthene
 Concen: 20.183 ng/ul
 RT: 24.11 min Scan# 3534
 Delta R.T. -0.00 min
 Lab File: BG047806.D
 Acq: 23 Dec 2020 19:55

Tgt Ion:	252	Resp:	265632
Ion Ratio	Lower	Upper	
252	100		
253	24.7	18.2	27.2
125	3.3	2.2	3.2#





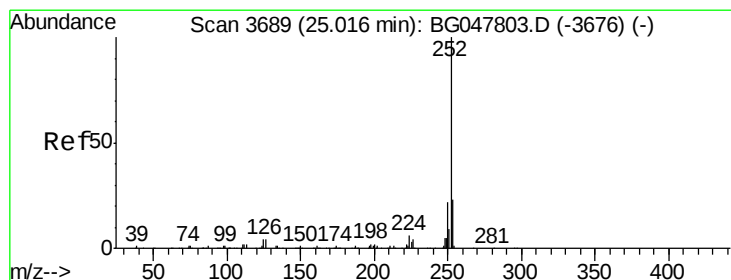
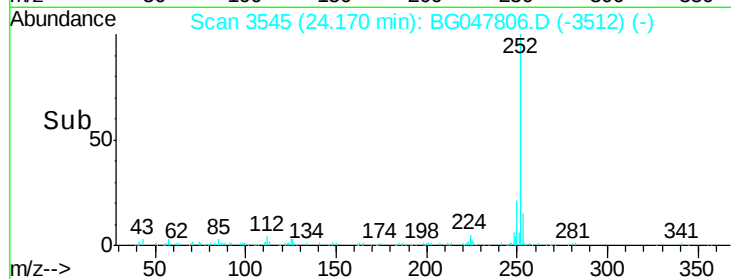
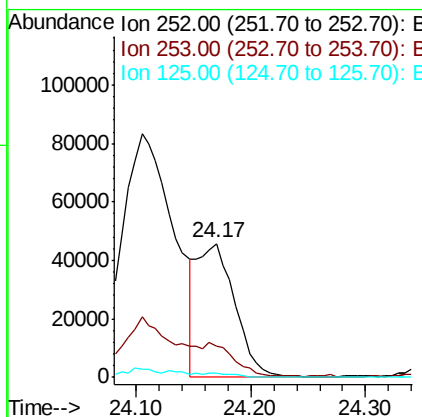
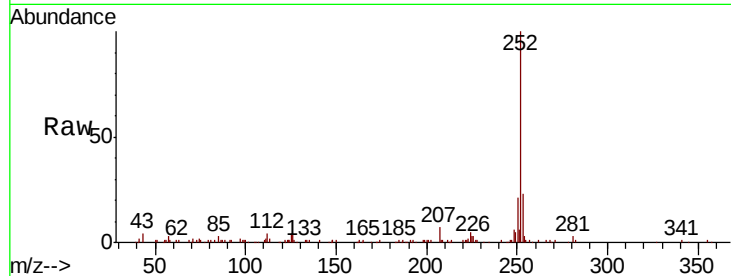
#89
Benzo(k)fluoranthene
Concen: 8.095 ng/ul m
RT: 24.17 min Scan# 3545
Delta R.T. -0.01 min
Lab File: BG047806.D
Acq: 23 Dec 2020 19:55

Instrument :
BNA_G
ClientSampleId :
A54N4

Tot Ion:	252	Resp:	105590
Ion Ratio	Lower	Upper	
252	100		
253	23.2	17.2	25.8
125	3.6	3.1	4.7

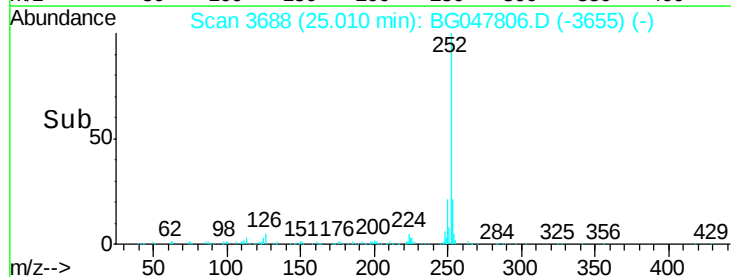
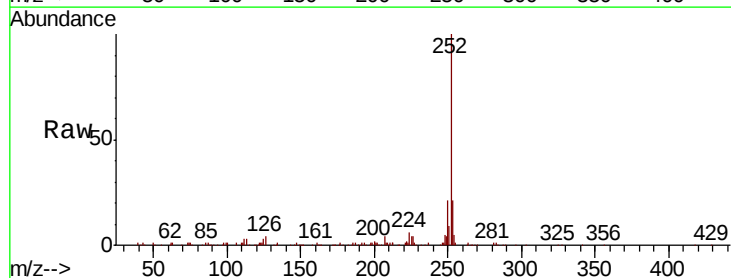
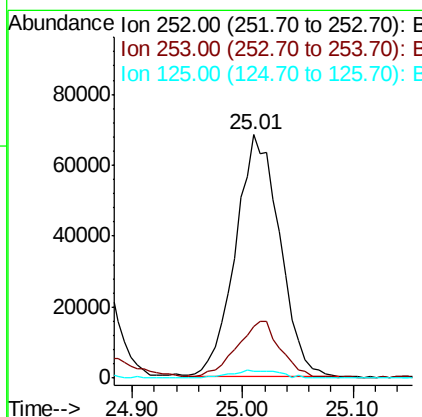
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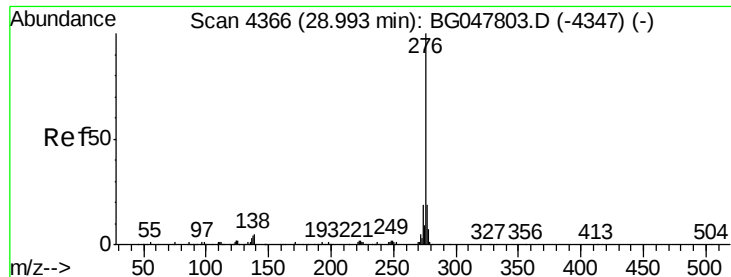
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#91
Benzo(a)pyrene
Concen: 16.226 ng/ul
RT: 25.01 min Scan# 3688
Delta R.T. -0.01 min
Lab File: BG047806.D
Acq: 23 Dec 2020 19:55

Tgt Ion:	252	Resp:	192581
Ion Ratio	Lower	Upper	
252	100		
253	21.0	17.1	25.7
125	2.6	2.2	3.2





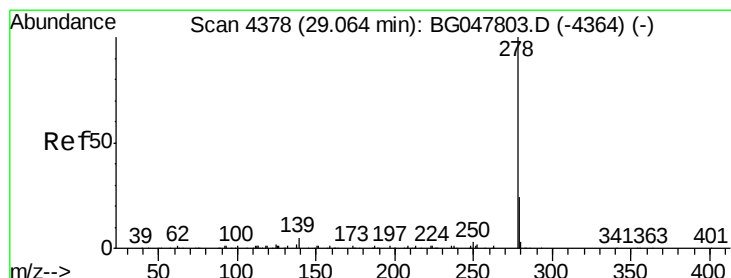
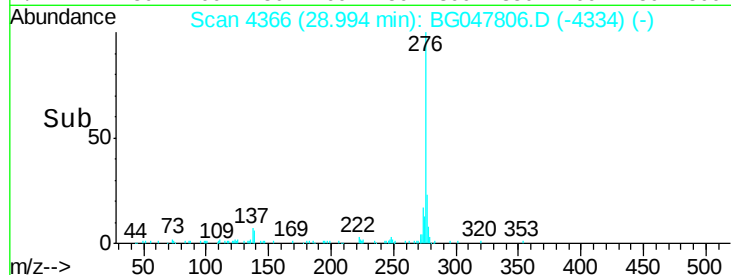
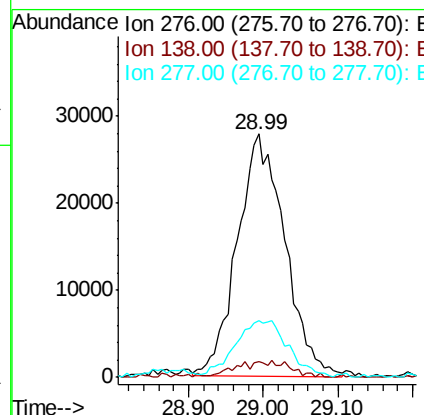
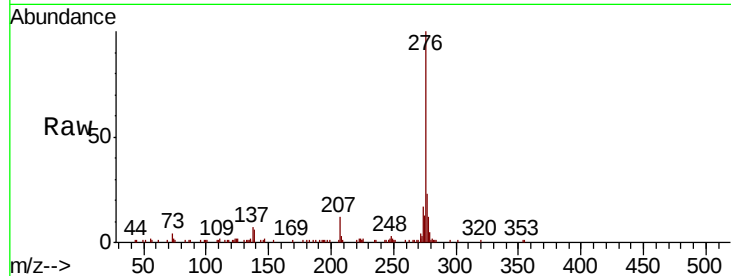
#92
 Indeno(1,2,3-cd)pyrene
 Concen: 8.522 ng/ul
 RT: 28.99 min Scan# 4366
 Delta R.T. -0.01 min
 Lab File: BG047806.D
 Acq: 23 Dec 2020 19:55

Instrument :
 BNA_G
 ClientSampleId :
 A54N4

Tot Ion	Ratio	Lower	Upper
276	100		
138	7.5	4.6	7.0#
277	23.3	19.9	29.9

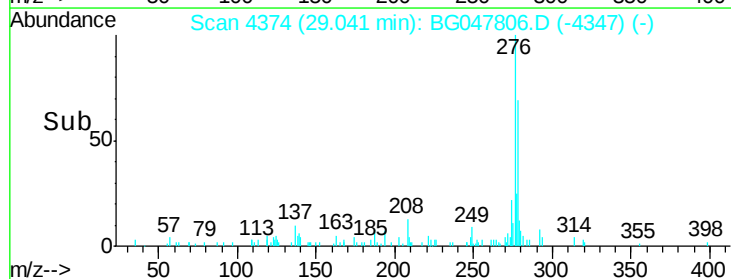
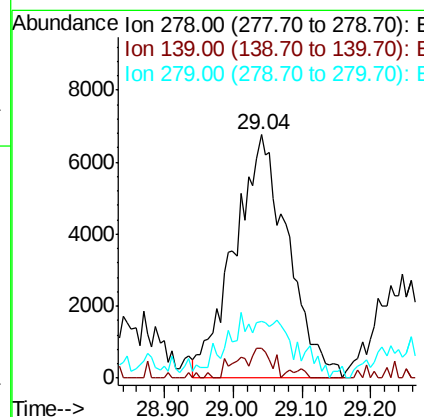
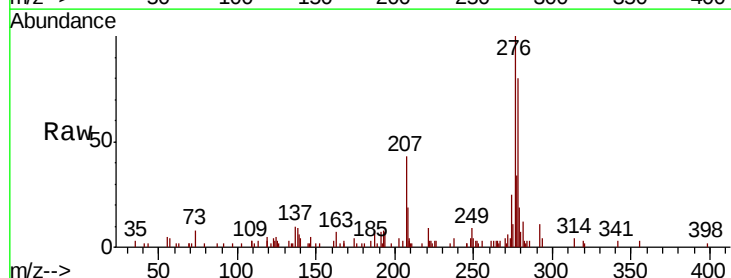
Manual Integrations
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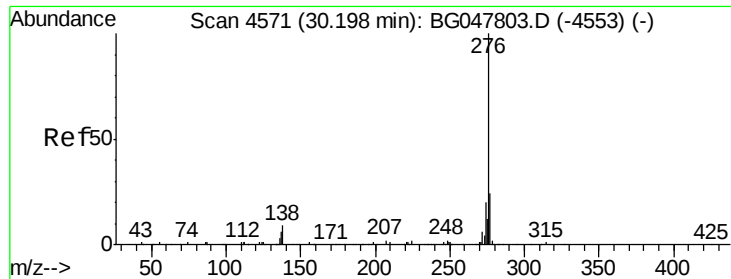
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#93
 Dibenzo(a,h)anthracene
 Concen: 3.011 ng/ul m
 RT: 29.04 min Scan# 4374
 Delta R.T. -0.04 min
 Lab File: BG047806.D
 Acq: 23 Dec 2020 19:55

Tgt Ion	Ratio	Lower	Upper
278	100		
139	7.4	5.1	7.7
279	23.4	18.2	27.2





#94
 Benzo(a,h,i)perylene
 Concen: 7.609 ng/ul m
 RT: 30.20 min Scan# 4572
 Delta R.T. 0.00 min
 Lab File: BG047806.D
 Acq: 23 Dec 2020 19:55

Instrument :
 BNA_G
 ClientSampleId :
 A54N4

Tot Ion	Ratio	Lower	Upper
276	100		
138	8.7	5.4	8.0#
277	20.6	17.8	26.8

Manual Integrations
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